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the outer casing, inner casings, and filters disposed relative to one another to define a feed fluid flow path in which a feed fluid that entered an inner casing via an upstream inlet and is exiting from an upstream filter into a downstream filter is diluted by additional feed fluid flowing into the inner casing through a downstream inlet.

2. (Amended) The filtration system of claim 1 wherein the downstream inlet of an inner casing is a pressure reducing orifice adapted to cooperate with one or more other inlets to cause 50%-70% of feed fluid flowing through the inner casing to enter the upstream filter.

6. (Amended) The filtration system of claim 1 further comprising a manifold fluidly coupling the inner lumen of each of the inner casings, and another manifold fluidly coupling the core space of each of the inner casings.

17. (Amended) A filtration system comprising:
an elongated outer casing defining an outer lumen; and
a plurality of elongated inner casings disposed within the outer lumen, at least one of the inner casings having an inner lumen in which is disposed an upstream and a downstream filter, such that substantially all of a waste fluid exiting the upstream filter is directed as a feed fluid into the downstream filter, and is supplemented by additional feed fluid entering the inner lumen at a point between the upstream filter and downstream filter.

18. (Added) The filtration system of claim 17 wherein 50%-70% of any feed fluid entering the at least one of the inner casings enters the inner casing upstream of the upstream filter, and 50%-30% of the feed fluid entering the same inner casing enters at a point downstream of the upstream filter.